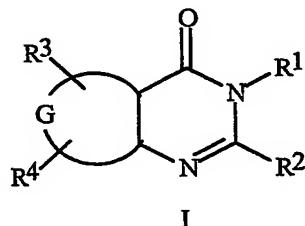


## **CLAIMS**

**What is claimed is:**

1. A fungicidal composition comprising:
  - (1) at least one compound selected from the fused pyrimidinones of Formula I,  
5 *N*-oxides, and suitable salts thereof,



wherein

**G** is a fused phenyl, thiophene or pyridine ring;

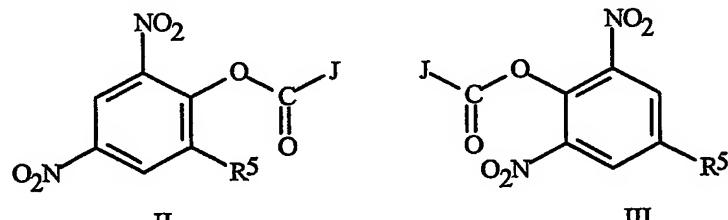
$R^1$  is  $C_1$ - $C_6$  alkyl or  $C_4$ - $C_7$  cycloalkylalkyl;

10 R<sup>2</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy or C<sub>1</sub>-C<sub>6</sub> alkylthio;

$R^3$  is halogen; and

$R^4$  is hydrogen or halogen; and

(2) at least one dinitrophenolic compound selected from the group consisting of compounds of Formula II and compounds of Formula III



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wherein

J is C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy or C<sub>2</sub>-C<sub>6</sub> alkenyl; and

$R^5$  is  $C_1$ - $C_8$  alkyl.

2. A composition of Claim 1 wherein in component (1), R<sup>1</sup> is propyl or  
20 cyclopropylmethyl and R<sup>2</sup> is propyloxy or propylthio.

3. A composition of Claim 2 wherein component (2) is provided by dinocap.

4. A composition of Claim 2 wherein component (1) comprises a compound selected from the group consisting of

### 6-bromo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone,

25 6,8-diiodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone,

### 6-iodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone,

#### 6-chloro-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4-ylmethanol

6-bromo-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4(3*H*)-one.

### 6-bromo-2-propoxy-3-propylmethyl[2,3-*a*]pyran-1(3H)-one

7-bromo-2-propoxy-3-propylthieno[3,2-*d*]pyrimidin-4(3*H*)-one,  
6-bromo-2-propoxy-3-propylpyrido[2,3-*d*]pyrimidin-4(3*H*)-one,  
6,7-dibromo-2-propoxy-3-propylthieno[3,2-*d*]pyrimidin-4(3*H*)-one, and  
3-(cyclopropylmethyl)-6-ido-2-(propylthio)pyrido[2,3-*d*]pyrimidin-4(3*H*)-one.

5. A composition of Claim 3 wherein G is a fused phenyl or thiophene ring; R<sup>1</sup> is propyl; R<sup>2</sup> is propyloxy; R<sup>3</sup> is Cl, Br or I in the 6-position; and R<sup>4</sup> is hydrogen.

6. A composition of Claim 3 wherein component (1) comprises

6-iodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone or

6-chloro-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4(3*H*)-one.

10. 7. A composition of Claim 6 wherein component (1) comprises

6-iodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone.

8. A composition of Claim 1 which comprises a compound of Formula II and a compound of Formula III.

9. A composition of Claim 1 which further comprises (3) at least one other

15. fungicide useful in controlling a powdery mildew disease but having a different mode of action from those of component (1) and component (2).

10. A composition of Claim 9 wherein component (3) includes at least one fungicide selected from the group consisting of compounds acting at the bc<sub>1</sub> complex of the fungal mitochondrial respiratory electron transfer site, compounds acting at the demethylase enzyme of the sterol biosynthesis pathway and morpholine and piperidine compounds that act on the sterol biosynthesis pathway.

11. A method for controlling a powdery mildew plant disease caused by a fungal plant pathogen, comprising applying to the plant or portion thereof, or to the plant seed or seedling, a fungicidally effective amount of a composition of Claim 1.

25. 12. The method of Claim 11 wherein wheat powdery mildew is controlled.

13. The method of Claim 11 wherein the fungal plant pathogen *Erysiphe graminis* is controlled.

14. A method for controlling a powdery mildew plant disease caused by a fungal plant pathogen, comprising applying to the plant or portion thereof, or to the plant seed or seedling, a fungicidally effective amount of a composition of Claim 9.

30. 15. The method of Claim 14 wherein component (3) of the composition includes at least one fungicide selected from the group consisting of compounds acting at the bc<sub>1</sub> complex of the fungal mitochondrial respiratory electron transfer site, compounds acting at the demethylase enzyme of the sterol biosynthesis pathway and morpholine and piperidine compounds that act on the sterol biosynthesis pathway.